

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Feb(Updated 040607)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200437
(c) 2004 Thomson Derwent

Set	Items	Description
S1	25818	(SEVERAL OR PLURAL? OR MANY OR MULTI OR MULTIPLE) (3N) (COLO- R? OR COLOUR?)
S2	11990	S1 AND (IMAGE?? OR PICTURE?? OR GRAPHIC?)
S3	24649	(SINGLE OR ONE) (3N) (COLOR? OR COLOUR?)
S4	27744	BLACK AND WHITE
S5	7166	S1 AND (TRANSFORM? OR CONVERT? OR CONVERS? OR ADJUST? OR A- LTER? OR MODIF? OR CHANG?)
S6	733	SCREEN?(3N)TOOL?
S7	205	TEXTURE AND (HUE OR SATURATION)
S8	34	(CORRESPOND? OR MATCH? OR REPRESENT?) AND S7
S9	1146	S1 AND SPACE
S10	46	WEIGH?(3N)BLEND? AND SCREEN?
S11	2647	AU=(LIN, Y? OR SHIAU, J? OR LIN Y? OR SHIAU J?)
S12	65	(FAX OR FACSIMILE) AND NATURAL(3N) (COLOR? OR COLOUR?)
S13	808871	IC=H04N?
S14	1246	S5 AND (S3 OR S4)
S15	1	S14 AND S6
S16	1	S14 AND S7
S17	1	S16 NOT S15
S18	91	S14 AND SPACE??
S19	0	S18 AND S10
S20	49	S18 AND S13
S21	0	S20 AND WEIGH? AND SCREEN?
S22	8	S20 AND (WEIGH? OR SCREEN?)
S23	8	S22 NOT (S16 OR S15)
S24	2	S23 AND AD=20001030:20040617/PR
S25	6	S23 NOT S24
S26	6	IDPAT (sorted in duplicate/non-duplicate order)
S27	6	IDPAT (primary/non-duplicate records only)
S28	1	S12 AND S5
S29	1	S28 NOT (S22 OR S16 OR S15)
S30	0	S12 AND (S6 OR S7 OR S10)
S31	0	S11 AND S14
S32	1	S11 AND S9
S33	1	S32 NOT (S28 OR S22 OR S16 OR S15)

15/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015681699 **Image available**
WPI Acc No: 2003-743888/200370
XRAM Acc No: C03-204269
XRPX Acc No: N03-595728

**Genome-wide testing of gene copy number at genetically important loci
comprises selecting multiple gene loci of DNAs, conducting test and
comparing number of copies at each locus tested**

Patent Assignee: LEBO R V (LEBO-I); MILUNSKY A (MILU-I); WYANDT H E
(WYAN-I)

Inventor: LEBO R V; MILUNSKY A; WYANDT H E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030082606	A1	20030501	US 2001317007	P	20010904	200370 B
			US 2002236168	A	20020904	

Priority Applications (No Type Date): US 2001317007 P 20010904; US
2002236168 A 20020904

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030082606	A1	14	C12Q-001/68	Provisional application US 2001317007

Abstract (Basic):

... are common, that are not screened in other populations. M1
provides the most optimal genetic **screening tool** for fetuses,
newborns, expecting parents and aging patients undergoing routine
physical examinations in order to...

Technology Focus:

... The method of testing genetic disease loci in order to maximize
the likelihood that an **alteration** in gene copy number predicts
phenotypic abnormality and not a normal individual polymorphic
variability and if evidence is gained for aneuploidy existence then the
test design is **modified** in selected loci. The method provides for
substitution of genes in the same chromosome that...

...abnormality, when a single gene copy is lost or gained. The specific
genes tested are **modified** in number or gene sequence which result in
shortening the cell cycle leading to rapid cell growth and
proliferation reflecting neoplastic **transformations**. These specific
genes are tested along with other genome-wide aneuploid screening. Any
DNA analysis...

...other loci. Comparative genomic hybridization is used to compare a known
control sample labeled with **one color** to an unknown test sample
labeled with another color. The fusion of two or more...

...test. Multiple controls and multiple measurements on the same unknown
sample are done simultaneously using **multiple colors** and therefore
multiple tests are completed on the same locus simultaneously in
multiple independent containers or on multiple...

...deletion or duplication simultaneously with other selected genome-wide
loci. The specific genes tested are **modified** in number or gene
sequence which results in shortening the cell cycle, leading to more
rapid cell growth and proliferation reflecting neoplastic
transformations. Specific gene translocations which decrease cell
cycle time are tested along with genome-wide aneuploid...

17/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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01718573 **Image available**
COLOR DESIGNATION PROCESSING UNIT OF COLOR PICTURE

PUB. NO.: 60-197073 [JP 60197073 A]
PUBLISHED: October 05, 1985 (19851005)
INVENTOR(s): MISAO IKUO
KOMATSU HIROSUKE
KIMURA MUTSUMI
MIYAUCHI ATSUSHI
FUJIWARA TADASHI
TSUCHIDA YOSHIO
KUROIWA JUNKO
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-053960 [JP 8453960]
FILED: March 21, 1984 (19840321)
JOURNAL: Section: E, Section No. 382, Vol. 10, No. 42, Pg. 29,
February 19, 1986 (19860219)

ABSTRACT

PURPOSE: To automate the designation of **many colors** with less amount of information by using a color data as a read address at each picture area of a color picture and reading and outputting a **texture** designation data and a **hue** data...

... selection circuit 15. The original picture data stored in the 1st frame memory 41 is **converted** into a **white / black** picture data by an RGB/Y **converter** 68 and stored also to the 4th frame memory 44. The color processing of the...
?

27/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009692351 **Image available**

WPI Acc No: 1993-385905/199348

Related WPI Acc No: 1992-133886; 1993-359959; 1994-199704; 1997-042490

XRPX Acc No: N93-298082

Screen system for connection with reproduction of halftone images in multicolour print - uses algorithm based on direct modification of X and Y frequency components of halftone dot patterns to allow independent adjustment of row and column directions.

Patent Assignee: MINNESOTA MINING & MFG CO (MINN)

Inventor: RYLANDER R L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5264926	A	19931123	US 90582524	A	19900914	199348 B
			US 91640024	A	19910111	
			US 9322747	A	19930219	

Priority Applications (No Type Date): US 91640024 A 19910111; US 90582524 A 19900914; US 9322747 A 19930219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5264926	A	16	H04N-001/46		CIP of application US 90582524 Cont of application US 91640024

Screen system for connection with reproduction of halftone images in multicolour print...

...uses algorithm based on direct modification of X and Y frequency components of halftone dot patterns to allow independent adjustment of row and column directions.

...Abstract (Basic): The screen system has at least two partial screens . Each partial screen corresponds to one printing colour , and the screens are angularly spaced apart from each other. Each partial screen is defined by an addressable raster grid defined by columns and rows of dots, which...

...defined by clusters of points. The dots define printing dots for tone values of the multi - colour print...

.....At least one fo the partial screens has columns and rows that are geometrically orthogonal but in which the row to row

Title Terms: SCREEN ;

International Patent Class (Main): H04N-001/46

27/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

009658479 **Image available**

WPI Acc No: 1993-352031/199344

Related WPI Acc No: 1994-248601

XRPX Acc No: N93-271536

Colour imaging system for use with medical scanner - has camera receiving colour component image signals from scanner and recording them as mutually spaced images on monochromatic film

Patent Assignee: OPTON CORP (OPTO-N)

Inventor: SABLE A J

Number of Countries: 018 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9321726	A1	19931028	WO 93US3410	A	19930409	199344 B
US 5294993	A	19940315	US 92866741	A	19920410	199411

Priority Applications (No Type Date): US 92866741 A 19920410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9321726	A1	E 101	H04N-001/46	
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Designated States (National): JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

US 5294993	A	37	G03F-003/00	
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... has camera receiving colour component image signals from scanner and recording them as mutually spaced images on monochromatic film

...Abstract (Basic): a scanner (10), representing different monochromatic colour components of a subject. The camera forms mutually spaced images (18,20,22) representative of the respective colour components onto monochromatic film (16...

...30). The viewing system uses lights of different spectral content to project the respective mutually spaced monochromatic images onto a viewing screen in superimposition. The superimposed images combine to form a multi - colour image of the subject...

...Abstract (Equivalent): The film sheet with its three black -and- white images is viewed on the screen of a viewer having three lenses positioned to project light of three different colours in...

...monochromatic record images and to project three image components in mutual superposition on the viewer screen . The three different colour image components on the viewer screen are precisely positioned so that there is no visibly discernible misregistration...

...formed on the sheet film with a predetermined maximum misregistration or the viewing system is adjusted to accomplish such maximum misregistration on the viewer screen .

...Title Terms: SPACE ;

...International Patent Class (Main): H04N-001/46

27/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008946630 **Image available**

WPI Acc No: 1992-073899/199210

XRPX Acc No: N92-055587

Colour to black -and- white image mapping method - applying each colour component to its own halftone screen , all of which are combined

Patent Assignee: XEROX CORP (XERO)

Inventor: HARRINGTON S J

Number of Countries: 005 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 473433	A	19920304	EP 91307920	A	19910829	199210 B

JP 4234261	A	19920821	JP 91211073	A	19910822	199240
US 5153576	A	19921006	US 90574144	A	19900829	199243
EP 473433	A3	19930303	EP 91307920	A	19910829	199349
EP 473433	B1	19960710	EP 91307920	A	19910829	199632
DE 69120748	E	19960814	DE 620748	A	19910829	199638
			EP 91307920	A	19910829	
JP 3095818	B2	20001010	JP 91211073	A	19910822	200052

Priority Applications (No Type Date): US 90574144 A 19900829

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing	Notes
EP 473433	A					
		Designated States (Regional): DE FR GB				
JP 4234261	A		6	H04N-001/46		
US 5153576	A		10	G09G-003/36		
EP 473433	B1 E		12	H04N-001/40		
		Designated States (Regional): DE FR GB				
DE 69120748	E			H04N-001/40	Based on patent	EP 473433
JP 3095818	B2		6	H04N-001/46	Previous Publ. patent	JP 4234261

Colour to black -and- white image mapping method...

...applying each colour component to its own halftone screen , all of which are combined

...Abstract (Basic): pixel-by-pixel basis. Each of the colour components is applied to its own halftone screen , each halftone screen comprising a number of cells. Certain cell areas of each halftone screen are allocated to a single colour component to yield corresp. texture patterns, in accordance with the location of the allocated cell...

...The halftone screens of the colour components are combined to yield a black -and- white textured image...

...USE/ADVANTAGE - Maps colour images to black -and- white textured images in manner yielding areas in which texture changes smoothly. Textured images are useful in both pictorial images and presentation graphics images. (12pp Dwg...

...Abstract (Equivalent): A method of mapping an image comprising a plurality of pixels from colour to black -and- white , the method comprising the steps of: on a pixel-by-pixel basis, determining the amount of each of a plurality of colour components in a colour image; applying each of the plurality of colour components to its own halftone screen , each halftone screen comprising a plurality of cells; allocating certain cell areas of each halftone screen to a single colour component to yield corresponding texture patterns, in accordance with the location of the allocated cell areas; and combining the halftone screens of the colour components to yield a black -and- white textured image...

...Abstract (Equivalent): Mapping an image comprises of a number of pixels from colour to black -and- white includes determining, on a pixel-by-pixel basis, the amount of colour components in a colour image. Each colour component is applied to its own halftone screen , each screen being comprised of multiple cells...

...Certain cells areas of each screen are allocated to a single colour component to yield texture patterns. The halftone screens of the colour components are combined to yield a black -and- white textured image...

...USE/ADVANTAGE - Texture patterns vary smoothly over colour space .
Reserves luminence information. Pictorial and graphics presentation
images...

...Title Terms: **BLACK** ;

...International Patent Class (Main): **H04N-001/40** ...

... **H04N-001/46**

...International Patent Class (Additional): **H04N-001/405** ...

... **H04N-001/60** ...

... **H04N-009/79**

27/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008915974 **Image available**

WPI Acc No: 1992-043243/199206

XRPX Acc No: N92-033269

**Pseudo half-tone colour image processing - converts luminosity and hue
colour coordinate data into representation colours and corrects any
errors generated**

Patent Assignee: CANON KK (CANO)

Inventor: TANIOKA H

Number of Countries: 006 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 469896	A	19920205	EP 91307039	A	19910731	199206	B
JP 4090670	A	19920324	JP 90206602	A	19900803	199226	
JP 4090671	A	19920324	JP 90206604	A	19900803	199226	
JP 4090672	A	19920324	JP 90206605	A	19900803	199226	
JP 4342371	A	19921127	JP 91114302	A	19910520	199302	
EP 469896	A3	19930120	EP 91307039	A	19910731	199346	
US 5270808	A	19931214	US 91739992	A	19910802	199350	
			US 92945577	A	19920916		
			US 9324869	A	19930301		
EP 469896	B1	19961218	EP 91307039	A	19910731	199704	
DE 69123657	E	19970130	DE 623657	A	19910731	199710	
			EP 91307039	A	19910731		
JP 3048170	B2	20000605	JP 90206602	A	19900803	200032	
JP 3048171	B2	20000605	JP 90206604	A	19900803	200032	
JP 3150994	B2	20010326	JP 91114302	A	19910520	200126	

Priority Applications (No Type Date): JP 91114302 A 19910520; JP 90206602 A
19900803; JP 90206604 A 19900803; JP 90206605 A 19900803

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 469896	A				
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Designated States (Regional): DE FR GB IT

JP 4090670	A	7	H04N-001/40
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JP 4090671	A	8	H04N-001/40
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JP 4090672	A	7	H04N-001/40
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JP 4342371	A	7	H04N-001/40
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US 5270808	A	33	H04N-001/46	Cont of application US 91739992
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Cont of application US 92945577

EP 469896	B1 E	42	H04N-001/46
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Designated States (Regional): DE FR GB IT

DE 69123657	E		H04N-001/46	Based on patent EP 469896
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JP 3048170 B2 7 H04N-001/46 Previous Publ. patent JP 4090670
JP 3048171 B2 9 H04N-001/46 Previous Publ. patent JP 4090671
JP 3150994 B2 7 H04N-001/46 Previous Publ. patent JP 4342371

... converts luminosity and hue colour coordinate data into
representation colours and corrects any errors generated

...Abstract (Basic): in the recording or display, in the form of the
coordinate data. A process circuit converts the coordinate data
entered by the first input into one of the representation colour of
N kinds. A correction circuit corrects an error generated at this
conversion .
...

...Reproduces hues faithful to input colour by pseudo halftone processing
of input data in colour space represented by luminosity and hue.
Produces image of increased quality by correcting errors generated at
conversion to colour of representation

...Abstract (Equivalent): 5) for inputting in pixel form color coordinate
data of a color image and color conversion means (6) for converting
the input color coordinate data into color data suitable for output to
reproduction means, characterised in that said color conversion means
(6) further comprises, calculation means (61, 62) for calculating the
distance between a color location in a color space represented by the
input color coordinate data of a pixel and a color location in the same
color space determined by a weighted average of the color
coordinates of a plurality of pixels adjacent to said pixel and the
color data, and selection means (62) for...

...data having the color location closest to the color location of the
pixel for color conversion .
(

...Abstract (Equivalent): The digitisation error generated upon
digitisation is distributed to the succeeding pixels with weighted
ratios. A colour image reading unit (1), using a CCD, converts the
reflected light from an original image into electrical signals
converted by an a-d converter (2...

...Title Terms: CONVERT ;

International Patent Class (Main): H04N-001/40 ...

... H04N-001/46

...International Patent Class (Additional): H04N-001/405 ...

... H04N-001/52

27/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008474667 **Image available**
WPI Acc No: 1990-361667/199048
Related WPI Acc No: 1989-220705
XRPX Acc No: N90-275950

Contrast enhancing absorption filter for LCD - has randomly disposed
light absorptive areas dyed with primary colours which correspond to
emitting elements of display device

Patent Assignee: HONEYWELL INC (HONE)

Inventor: SCHOTT D J

Number of Countries: 016 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9013906	A	19901115				199048	B
EP 471007	A	19920219	EP 90907670	A	19900426	199208	
US 5121030	A	19920609	US 89347107	A	19890503	199226	
JP 4504924	W	19920827	JP 90507514	A	19900426	199241	
			WO 90US2248	A	19900426		
EP 471007	A4	19920318	EP 90907670	A	19900000	199521	
EP 471007	B1	19950830	EP 90907670	A	19900426	199539	
			WO 90US2248	A	19900426		
DE 69022048	E	19951005	DE 622048	A	19900426	199545	
			EP 90907670	A	19900426		
			WO 90US2248	A	19900426		

Priority Applications (No Type Date): US 89347107 A 19890503

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9013906	A				
					Designated States (National): CA JP KR
					Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE
EP 471007	A				
					Designated States (Regional): DE FR GB
US 5121030	A		10	H04N-005/72	
JP 4504924	W		7	H01J-029/10	Based on patent WO 9013906
EP 471007	B1	E	15	H01J-029/10	Based on patent WO 9013906
					Designated States (Regional): DE FR GB
DE 69022048	E			H01J-029/10	Based on patent EP 471007
					Based on patent WO 9013906

...Abstract (Basic): filter may be bonded to the faceplate (18) by a transparent adhesive layer (32) or, **alternatively**, can be heat bonded in a furnace...

...Abstract (Equivalent): a plurality of areas (42) of a predetermined colour transmissibility disposed on said substrate and **spaced** there between, each of said areas selectively dyed to transmit a narrow band colour spectrum corresponding to at least **one** said predetermined primary **colour** wavelength of said discrete elements, and substantially to absorb colour wavelengths other than said **one** primary **colour** wavelength, said areas (42) patterned to overlay ones of said discrete elements (46), a plurality of areas comprising at least **one** primary **colour** wavelength overlaying each of said discrete elements, characterised in that, said plurality of said areas

...Abstract (Equivalent): a primary colour corresponding to the colour dots of the CRT display face and a **plurality** of such **colour** areas randomly disposed over each colour dot. Since the absorption areas are specially independent each...

...tubes of the shadow mask type. The filter is suitable for any light responsive display **screen**, also including liquid crystal elements...

...International Patent Class (Main): **H04N-005/72**

27/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008352220 **Image available**

WPI Acc No: 1990-239221/199031

XRPX Acc No: N90-185508

Column monitor for displaying correct hard copy colours - uses VDU and computer look up so that colours are those of hard copy

Patent Assignee: EASTMAN KODAK CO (EAST)

Inventor: ALESSI P J; FAUL W H; GIORGIANNI E J; KOOP D A; MADDEN T E

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9007837	A	19900712				199031 B
US 4958220	A	19900918	US 88290676	A	19881227	199040
EP 401365	A	19901212	EP 90901946	A	19891221	199050
JP 3503112	W	19910711				199134
EP 401365	B1	19950308	WO 89US5691	A	19891221	199514
			EP 90901946	A	19891221	
DE 68921614	E	19950413	DE 621614	A	19891221	199520
			WO 89US5691	A	19891221	
			EP 90901946	A	19891221	

Priority Applications (No Type Date): US 88290676 A 19881227

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9007837	A				
					Designated States (Regional): AT BE CH DE
EP 401365	A				
					Designated States (Regional): DE FR GB
EP 401365	B1	E	12	H04N-001/46	Based on patent WO 9007837
					Designated States (Regional): DE FR GB
DE 68921614	E			H04N-001/46	Based on patent EP 401365
					Based on patent WO 9007837

Designated States (Regional): AT BE CH DE

Designated States (Regional): DE FR GB

Based on patent WO 9007837

Designated States (Regional): DE FR GB

Based on patent EP 401365

Based on patent WO 9007837

...Abstract (Basic): The reproduction system is **one** in which a **colour** picture is produced on a video monitor and hard copy, such as paper prints can...

...will be produced by a specific hard copy are displayed on the monitor and are **adjusted** to be correct. A computer-based work station performs the **adjustment** and it has a set of look-up tables which give the difference in the...

...the hard copy, so that the same colour is reproduced as it appears on the **screen**. The operator simply **adjusts** the colour on the **screen** to be as required...

...ADVANTAGE - Eliminates variations between **screen** display and hard d...

...Abstract (Equivalent): to produce a second set of signals corresponding to a reproduced image relating to a **modification** of the original image, characterised by said apparatus including an output film writer (22), said...

...receptive output media types, and said control means (16,20) including a set of input **transformations** (30,32,34) for **transforming** image data from a **plurality** of different **colour** film types to a device independent colour **space** (36), a set of video **transformations** (40,42,44,46,48,50,52) for **transforming** the image data in the device independent colour **space** to video signals that will show how an image would appear if it were to...

...one of the different image receptive output media types, and a set of film writer **transformations** (60,62,64,66) for **transforming** the image data in the device independent colour **space** to signals for driving the output film writer (22...

...Abstract (Equivalent): A computer-based work station, having a series of look-up tables for **transforming** imaging data to a variety of monitor-dependent RGB colour **spaces** , enables the video monitor to show a series of displays of the reproduced image with...

...International Patent Class (Additional): **H04N-001/46**

?

29/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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03831575 **Image available**
COLOR ESTIMATE METHOD

PUB. NO.: 04-196675 [JP 4196675 A]
PUBLISHED: July 16, 1992 (19920716)
INVENTOR(s): HOSHINO TORU
APPLICANT(s): KONICA CORP [000127] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-321685 [JP 90321685]
FILED: November 26, 1990 (19901126)
JOURNAL: Section: E, Section No. 1286, Vol. 16, No. 526, Pg. 73,
October 28, 1992 (19921028)

...JAPIO CLASS: **Facsimile**); 44.6 (COMMUNICATION

ABSTRACT

PURPOSE: To obtain **natural color** reproduction by using a color representing system obtained with respect to each combination of **plural** sets of output **color** decomposition picture information so as to obtain the combination of the output color decomposition picture information to obtain a same value as the representing color system **converted** with respect to an optional combination of input color decomposition picture information...

...system or an L*a*b* representing color system is used and the L* is **converted** among the representing color obtained with respect to each combination of input color decomposition picture...

... input side color cube is compressed and mapped. In relation to the saturation direction, no **conversion** is implemented in the middle at a part where the color reproduction range of the...

...color cube and the output side color cube and u*, v* or a*, b* is **converted** in response to the spread of the saturation of the two color cubes at the...

... the input side is set within the color reproduction range of the output side and **natural color** reproduction is attained.

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33/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07335874 **Image available**
IMAGE DISPLAY METHOD AND IMAGE PROCESSOR

PUB. NO.: 2002-204363 [JP 2002204363 A]
PUBLISHED: July 19, 2002 (20020719)
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APPL. NO.: 2001-295209 [JP 2001295209]
FILED: September 27, 2001 (20010927)
PRIORITY: 00 699820 [US 2000699820], US (United States of America),
October 30, 2000 (20001030)

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ABSTRACT

PROBLEM TO BE SOLVED: To produce a version with a single **colorant** out of a **multi color** image in a manner of storing color information existing in the image as much as possible.

SOLUTION: In an image display method, proper texture patterns are produced to each **color** in the **multi color** image by using a continuously variable screening tool, the tool is produced by a mixture...

... reference screens, the reference screens correspond to, for example, selected reference colors in a color **space** not depending on a machine. A calculated screen is produced by mixture with weighting the reference screens placed nearby any color in the color **space** not depending on the machine, and the calculated screen is composed of arrays of thresholds...

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